PATENT ABSTRACTS OF JAPAN

(11)Publication number : **06-228072**
(43)Date of publication of application : **16.08.1994**

(51)Int.Cl. C07C237/26
A61K 31/65
C07D233/61
C07D249/04
C07D249/08
C07D257/04
C07D295/08
C07D295/14
C07D295/20
C07D295/22
C07D471/08

(21)Application number : **05-217927**
(22)Date of filing : **11.08.1993**

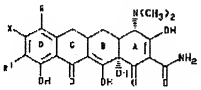
(71)Applicant : **AMERICAN CYANAMID CO**
(72)Inventor : **SUM PHAIK-ENG**
LEE VING J
HLAVKA JOSEPH J
TESTA RAYMOND T

(30)Priority
Priority number : **92 928598** Priority date : **13.08.1992** Priority country : **US**

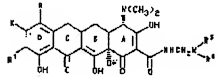
(54) **NEW 7-(SUBSTITUTED)-8-(SUBSTITUTED)-9-(SUBSTITUTED AMINO)-6-DEMETHYL-6-DEOXYTETRACYCLINES**

Abstract:
PURPOSE: To obtain the subject new compounds useful for antibiotic agents or the like indicating excellent antimicrobial activity against tetralin resistant microbe or the like.
CONSTITUTION: The compound of formula I or II (X is a halogen or

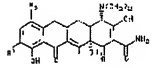
trifluoromethanesulfonyloxy; R and R1 are each H, nitro, amino, halogen, cyano, hydroxy or the like; R5 is H, methyl, phenyl or the like; R6 is H, methyl, ethyl, phenyl, α-naphthyl or the like) e.g. [4S-(4α,12aα)]-8- chloro-4-(dimethylamino)-9-(formylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a- tetrahydroxy-1,11-dioxo-2-naphthacenecarboxamide (1:1) hydrochloride is obtained e.g. by reacting the compound of formula III with a strong acid of formula HX (X is a halogen or the like).



I



II



III